

REMARKS

This is in response to the Office Action mailed on August 16, 2004, and the references cited therewith.

Claims 5, 10, 13, 16, 19, 20, 23, and 26 are amended. Claim 9 is canceled. No claims have been added; as a result, claims 1-8 and 10-29 are now pending in this application.

In the Drawings

The drawings were objected to because the block pertaining elements in Figures 1-5, 7A-7D, 8, 8B and 8E need to have descriptive labels, in conformance with 37 CFR 1.84(n) and 1.84(o). Corrected drawings are supplied herewith.

Enclosed is a copy of Figures 1-6 of the drawings showing the following proposed amendment to Figures 1-5 in red ink. Applicant respectfully submits, however, that the symbols of Figs. 7A-7D, 8, 8B and 8E are self-explanatory and require no correction. As noted in 37 CFR 1.84(n), "Graphical drawing symbols may be used for conventional elements when appropriate. The elements for which such symbols and labeled representations are used must be adequately identified in the specification." These requirements have been met for Figs. 7A-7D, 8, 8B and 8E.

In the Specification

Applicant amended the specification to address issues raised by the Examiner. Applicant respectfully submits that the description associated with Figs. 7E, 8D, 8F, 17 and 18 are sufficient to enable a person of ordinary skill in the art to understand the invention. No changes have, therefore, been made.

§112 Rejection of the Claims

Claims 1-7 and 10-29 were rejected under 35 USC § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which Applicant regards as the invention. The Examiner stated that the phrase "canceller/equalizer" is vague and indefinite since it is unclear whether the canceller/equalizer is a canceller or equalizer

IN THE DRAWINGS

The drawings were objected to because the block pertaining elements in Figures 1-5, 7A-7D, 8, 8B and 8E need to have descriptive labels, in conformance with 37 CFR 1.84(n) and 1.84(o).

Corrected drawings are supplied herewith.

Enclosed is a copy of Figures 1-6 of the drawings showing the following proposed amendment to Figures 1-5 in red ink. Applicant respectfully submits that the symbols of Figs. 7A-7D, 8, 8B and 8E are self-explanatory. As noted in 37 CFR 1.84(n), "Graphical drawing symbols may be used for conventional elements when appropriate. The elements for which such symbols and labeled representations are used must be adequately identified in the specification." These requirements have been met for Figs. 7A-7D, 8, 8B and 8E.

or both a canceller and an equalizer. Applicant respectfully submits that it is both a canceller and an equalizer. One such canceller/equalizer is described in related U.S. Patent Application Serial No. 09/441774.

§102 Rejection of the Claims

Claim 9 was rejected under 35 USC § 102(e) as being anticipated by Miller et al. (U.S. Patent No. 6,181,912 B1). Claim 9 has been canceled.

Conclusion

Applicant respectfully submits that the claims are in condition for allowance, and notification to that effect is earnestly requested. The Examiner is invited to telephone Applicant's attorney at (612) 373-6909 to facilitate prosecution of this application.

If necessary, please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

Respectfully submitted,

MICHAEL R. ARNESON ET AL.

By their Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
P.O. Box 2938
Minneapolis, MN 55402
(612) 373-6909

Date February 16, 2005 By Thomas F. Brennan
Thomas F. Brennan
Reg. No. 35,075

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Amendment, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 16th day of February, 2005.

THOMAS F. BRENNAN

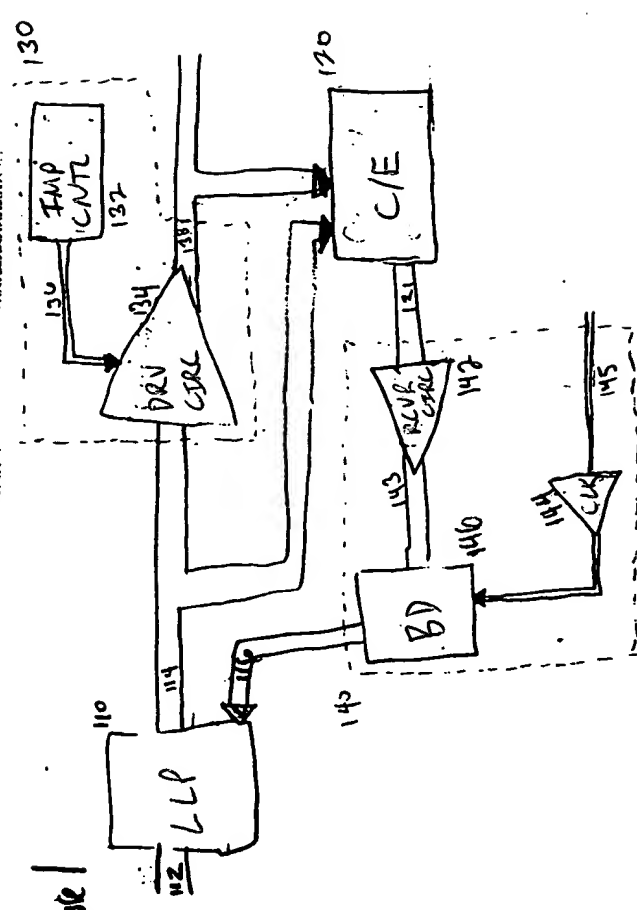
Name

Thomas F. Brennan

Signature

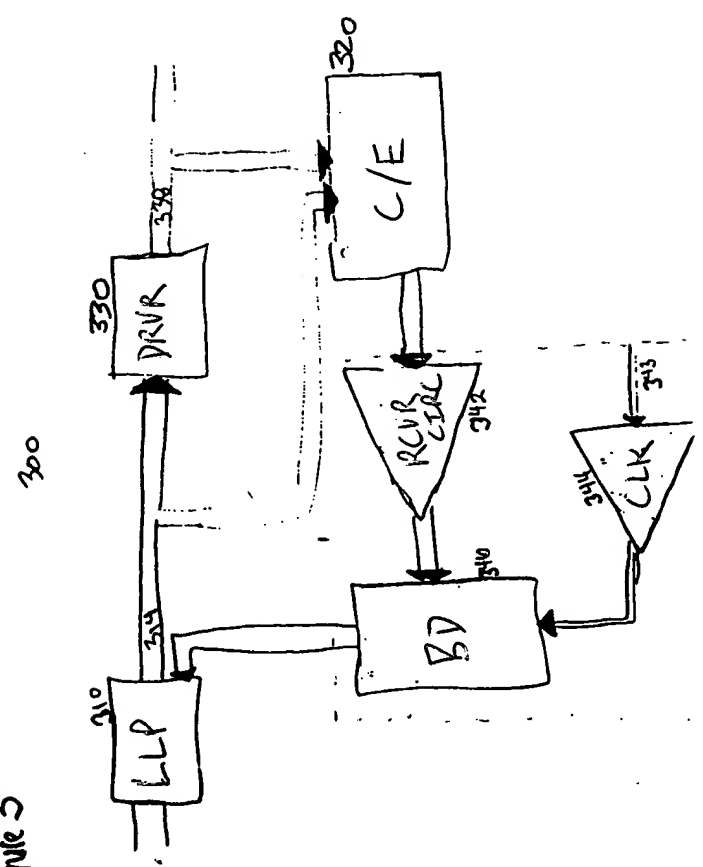


Figure 1



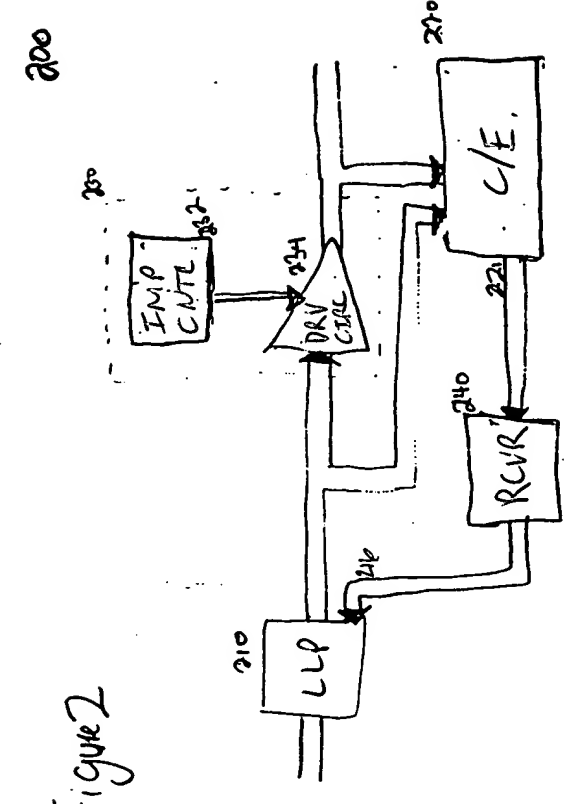
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Figure 3



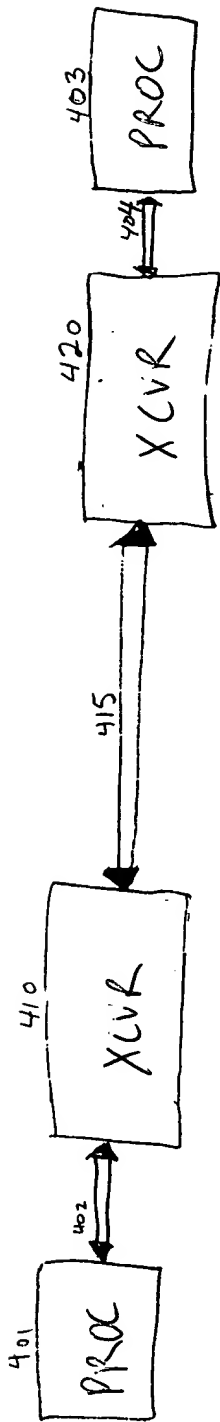
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Figure 2



200

Figure 4



405

Figure 5

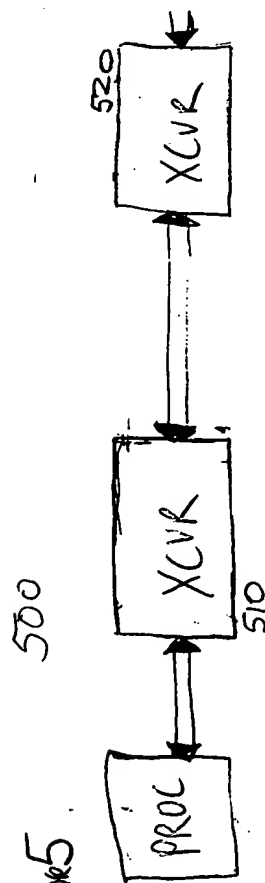


Figure 6

